

NEWTON
Cancer Incidence by Sex, 1993 - 1997
Expected and Observed Case Counts, with Standardized Incidence Ratios

	<u>Exp</u>	<u>Obs</u>	<u>SIR</u>		<u>Exp</u>	<u>Obs</u>	<u>SIR</u>
<u>Bladder, Urinary</u>				<u>Melanoma of Skin</u>			
Male	58.10	53	91	Male	34.01	44	129
Female	22.73	16	70	Female	28.35	35	123
Total	80.83	69	85	Total	62.36	79	127 #+
<u>Brain and Other Central Nervous System</u>				<u>Multiple Myeloma</u>			
Male	18.18	14	77	Male	10.68	14	131
Female	16.59	15	90	Female	10.24	17	166
Total	34.77	29	83	Total	20.92	31	148 #+
<u>Breast</u>				<u>Non-Hodgkin's Lymphoma</u>			
Male	3.72	1	NC*	Male	45.25	57	126
Female	359.33	415	115 ~+	Female	41.85	54	129
Total	363.06	416	115 ~+	Total	87.10	111	127 #+
<u>Cervix Uteri</u>				<u>Oral Cavity and Pharynx</u>			
Female	23.28	12	52 #-	Male	36.92	25	68 #-
				Female	18.71	14	75
				Total	55.63	39	70 #-
<u>Colon / Rectum</u>				<u>Ovary</u>			
Male	146.00	137	94	Female	43.23	57	132
Female	146.29	136	93				
Total	292.29	273	93				
<u>Esophagus</u>				<u>Pancreas</u>			
Male	20.59	19	92	Male	21.77	16	73
Female	7.50	7	93	Female	23.89	29	121
Total	28.09	26	93	Total	45.67	45	99
<u>Hodgkin's Disease</u>				<u>Prostate</u>			
Male	8.71	15	172	Male	346.11	358	103
Female	7.39	11	149				
Total	16.10	26	161 #+				
<u>Kidney and Renal Pelvis</u>				<u>Stomach</u>			
Male	32.80	38	116	Male	24.98	21	84
Female	20.44	25	122	Female	15.83	11	69
Total	53.24	63	118	Total	40.81	32	78
<u>Larynx</u>				<u>Testis</u>			
Male	19.76	12	61	Male	12.46	8	64

Female	5.74	3	NC*			
Total	25.51	15	59 #-			
<u>Leukemia</u>				<u>Thyroid</u>		
Male	24.30	28	115	Male	6.70	12 179
Female	19.40	33	170 ~+	Female	18.78	19 101
Total	43.71	61	140 #+	Total	25.47	31 122
<u>Liver and Intrahepatic Bile Ducts</u>				<u>Uteri, Corpus and Uterus, NOS</u>		
Male	11.31	8	71			
Female	4.93	6	122	Female	68.65	59 86
Total	16.25	14	86			
<u>Lung and Bronchus</u>				<u>All Sites / Types</u>		
Male	182.74	124	68 ^-	Male	1144.19	1084 95
Female	142.34	124	87	Female	1128.57	1193 106
Total	325.08	248	76 ^-	Total	2272.77	2277 100

Exp = expected case count, based on the Massachusetts average age-specific incidence rates for this cancer

Obs = observed case count

SIR = standardized incidence ratio [(**Obs** / **Exp**) X 100]

* = **SIR** and statistical significance not calculated when **Obs** < 5

+ indicates number of observed cases is statistically significantly higher than the expected number of cases

- indicates number of observed cases is statistically significantly lower than the expected number of cases

indicates statistical significance at the $p \leq 0.05$ level

~ indicates statistical significance at the $p \leq 0.01$ level, as well as at the $p \leq 0.05$ level

^ indicates statistical significance at the $p \leq 0.001$ level, as well as at the $p \leq 0.05$ and $p \leq 0.01$ levels